

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

Claims 1-2. (Cancelled).

Claim 3. (New) A method for providing an interactive voice response service, comprising:

selecting a script formatted in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language;

b2 processing the script, wherein processing the script includes executing the element of the high-level programming language to dynamically generate a script fragment formatted in accordance with the language for scripting interactive voice response services and replacing the element of the high-level programming language with the generated script fragment to provide a processed script; and

interpreting the processed script to generate a voice response.

Claim 4. (New) The method of claim 3, wherein the language for scripting interactive voice response services is Voice Extensible Markup Language (VoiceXML).

Claim 5. (New) The method of claim 3, wherein the element of the high-level programming language comprises a Java programming language element.

Claim 6. (New) The method of claim 3, wherein the element of the high-level programming language comprises a Java Server Page.

Claim 7. (New) The method of claim 3, further comprising:
receiving a voice request from a user;
translating the voice request into a translated request formatted in accordance with a protocol for transferring information over a network; and
processing the translated request;
wherein the step of selecting the script is performed in response to the processing of the translated request.

Claim 8. (New) The method of claim 7, wherein the protocol for transferring information over a network is the Hypertext Transfer Protocol (HTTP).

Claim 9. (New) The method of claim 3, wherein interpreting the processed script includes executing the generated script fragment.

Claim 10. (New) The method of claim 9 wherein executing the generated script fragment includes randomly selecting an audio prompt from a set of audio prompts.

Claim 11. (New) The method of claim 9, wherein executing the generated script fragment comprises selecting an audio prompt from a set of audio prompts in accordance with a predetermined selection order.

Claim 12. (New) The method of claim 9, wherein executing the generated script fragment comprises selecting an audio prompt from a variable length list of audio prompts after determining that the end of the variable length list has not been reached.

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Claim 13. (New) The method of claim 9, wherein executing the generated script fragment comprises selecting a first audio prompt if it is determined that a user interaction is a first user interaction within a domain and selecting a second audio prompt if it is determined that the user interaction is not a first user interaction within the domain.

Claim 14. (New) The method of claim 9, wherein executing the generated script fragment comprises routing an incoming call to one or more application programs.

Claim 15. (New) An interactive voice interface comprising:
an application program adapted to select and process a script wherein the script is formatted in accordance with a language for scripting interactive voice response services and has embedded therein an element of a high-level programming language and wherein processing the script includes executing the element of the high-level programming language to dynamically generate a script fragment formatted in accordance with the

language for scripting interactive voice services and replacing the element of the high-level programming language with the generated script fragment to generate a processed script; and

an interpreter adapted to interpret the processed script to generate a voice response.

Claim 16. (New) The interactive voice interface of claim 15, wherein the language for scripting interactive voice response services is Voice Extensible Markup Language (VoiceXML).

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Claim 17. (New) The interactive voice interface of claim 15, wherein the element of the high-level programming language comprises a Java programming language element.

Claim 18. (New) The interactive voice interface of claim 15, wherein the element of the high-level programming language comprises a Java Server Page.

Claim 19. (New) The interactive voice interface of claim 15, further comprising:
a media telephony system adapted to receive a voice request from a user;
wherein the interpreter is further adapted to translate the voice request into a translated request formatted in accordance with a protocol for transferring information over a network, and wherein the application program is further adapted to process the

translated request and to select the script in response to the processing of the translated request.

Claim 20. (New) The interactive voice interface of claim 19, wherein the protocol for transferring information over a network is the Hypertext Transfer Protocol (HTTP).

Claim 21. (New) The interactive voice interface of claim 15, wherein the interpreter is adapted to execute the generated script fragment.

br Claim 22. (New) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises randomly selecting an audio prompt from a set of audio prompts.

Claim 23. (New) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting an audio prompt from a set of audio prompts in accordance with a predetermined selection order.

Claim 24. (New) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting an audio prompt from a variable length list of audio prompts after determining that the end of the variable length list has not been reached.

Claim 25. (New) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises selecting a first audio prompt if it is determined that a user interaction is a first user interaction within a domain and selecting a second audio prompt if it is determined that the user interaction is not a first user interaction within the domain.

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Claim 26. (New) The interactive voice interface of claim 21, wherein executing the generated script fragment comprises routing an incoming call to one or more application programs.
